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CENTRAL FAX CENTER****JUL 31 2006**Application No. 10/674,525  
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**AMENDMENTS TO THE CLAIMS:****Please amend the claims as follows.**

1. (Previously Presented) A management apparatus for managing memory capacity, comprising:

a data capacity management means that manages data capacity of remote mobile terminals that communicate with each other via a network;

a transmission judging means that judges, in response to a request for data from said network and a vacant storage capacity of a memory issued from a remote mobile terminal, whether said requested data is to be transmitted to said remote mobile terminal by comparing said vacant storage capacity of said remote mobile terminal, which is managed by said data capacity management means, with the amount of said data to be transmitted to said remote mobile terminal; and

a transmitting means that obtains some data for storing in said remote mobile terminal and stores said obtained data and causes said remote mobile terminal to make a new vacant storage capacity when said data to be transmitted were judged not to be transmitted, and transmits said data to be transmitted, which were judged not to be transmitted, to said remote mobile terminal by using said new vacant storage capacity.

2. (Previously Presented) A management apparatus for managing memory capacity in accordance with claim 1, wherein, said data capacity management means renews said vacant capacity of said remote mobile terminals, when said remote mobile terminals

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requests to obtain some data from said network, and manages said renewed vacant capacity.

3. (Previously Presented) A management apparatus for managing memory capacity in accordance with claim 2, wherein, said data capacity management means renews said vacant capacity of each of said remote mobile terminals by receiving the information of said vacant capacity from each of said remote mobile terminals and manages said renewed vacant capacity.

4. (Previously Presented) A management system for managing memory capacity, comprising:

a plurality of remote mobile terminals that communicate with each other via a network; and

a management server including a data memorizing means that stores data from said plurality of remote mobile terminals, wherein:

said remote mobile terminals, comprising:

a data obtaining request transmitting means that transmits a request for obtaining data from said network to said management server, and

said management server, comprising:

a data capacity management means that manages data capacity of said remote mobile terminals;

a transmission judging means that judges, in response to a request for data from said network and a vacant storage capacity of a memory issued from a remote mobile terminal, whether said data requested by each of at least one of said remote mobile terminals

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is transmitted to each of said at least one of said remote mobile terminals, by comparing said vacant storage capacity of each of said at least one of said remote mobile terminals, which is managed by said data capacity management means, with the amount of said data requested by said data obtaining request transmitting means; and

a transmitting means that obtains some data for storing in each of said at least one of said remote mobile terminals and stores said obtained data in said data memorizing means and causes each of said at least one of said remote mobile terminals to make a new vacant storage capacity when said data requested by each of said at least one of said remote mobile terminals were judged not to be transmitted, and transmits said data requested by each of said at least one of said remote mobile terminals, which were judged not to be transmitted, to each of said at least one of said remote mobile terminals by using said new vacant storage capacity.

5. (Previously Presented) A management system for managing memory capacity in accordance with claim 4, wherein said remote mobile terminals, further comprises:

a data capacity renewing means that transmits the newest vacant capacity of said at least one of said remote mobile terminals to said management server, and makes said vacant capacity managing by said data capacity management means in said management server renew.

6. (Previously Presented) A management system for managing memory capacity in accordance with claim 5, wherein said data capacity renewing means transmits the

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newest vacant capacity of said at least one of said remote mobile terminals to said management server, and makes said vacant capacity managing by said data capacity management means in said management server renew, when said data obtaining request transmitting means transmits said request for obtaining data from said network to said management server.

7. (Previously Presented) A management system for managing memory capacity in accordance with claim 5, wherein said data capacity renewing means transmits the newest vacant capacity of said at least one of said remote mobile terminals to said management server, and makes said vacant capacity managing by said data capacity management means in said management server renew, at the time of the connection of an external instrument to an interface connector of said at least one of said remote mobile terminals.

8. (Previously Presented) A management system for managing memory capacity in accordance with claim 5, wherein said data capacity renewing means transmits the newest vacant capacity of said at least one of said remote mobile terminals to said management server, and makes said vacant capacity managing by said data capacity management means in said management server renew, at the time of the location registration of said at least one of said remote mobile terminals.

9. (Currently Amended) A management method for managing memory capacity at a management apparatus for memory capacity that manages data capacity of remote mobile

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terminals that communicate with each other via a network, in which said data capacity of said remote mobile terminals is managed, comprising:

judging whether data is to be ~~transm of the ited~~ transmitted to a remote mobile terminal, in response to a request for data from a network and a vacant storage capacity of a memory issued from said remote mobile terminal, by comparing vacant capacity of said remote mobile terminal, which is managed by said management apparatus for memory capacity, with the amount of said data to be transmitted to said remote mobile terminal;

obtaining some data for storing in said remote mobile terminal and storing said obtained data in said management apparatus for memory capacity, and causing said remote mobile terminal to make a new vacant capacity when said data to be transmitted to said remote mobile terminal were judged not to be transmitted; and

transmitting said data to be transmitted, which were judged not to be transmitted, to said remote mobile terminal by using said new vacant capacity.

10. (Previously Presented) A management method for managing memory capacity in accordance with claim 9, further comprising:

renewing said vacant capacity of said remote mobile terminal managing by said management apparatus for memory capacity and managing said renewed vacant capacity by said management apparatus for memory capacity when said remote mobile terminal requests to obtain said data to be transmitted to said remote mobile terminal from said network.

11. (Previously Presented) A management method for managing memory capacity in accordance with claim 10, wherein said vacant capacity of said remote mobile

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terminal is renewed and managed by said management apparatus for memory capacity by receiving the information of said vacant capacity from said remote mobile terminal.

12. (Previously Presented) A management method for managing memory capacity at a management system for managing memory capacity, which provides remote mobile terminals that communicate with each other via a network and a management server that manages data capacity of said remote mobile terminals, in which said data capacity of each of said remote mobile terminals is managed, comprising:

transmitting a request for obtaining data from said network by a remote mobile terminal to said management server;

judging whether said data requested by said remote mobile terminal is transmitted to said remote mobile terminal by comparing vacant capacity of said remote mobile terminal, which is managed by said management server, with the amount of said data requested by said remote mobile terminal;

obtaining some data for storing in said remote mobile terminal and storing said obtained data in said management server, and causing said remote mobile terminal to make new vacant capacity when said data requested by said remote mobile terminal were judged not to be transmitted; and

transmitting said data requested by said remote mobile terminal, which were judged not to be transmitted, to said remote mobile terminal by using said new vacant capacity.

13. (Previously Presented) A management method for managing memory capacity in accordance with claim 12, further comprising:

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renewing said vacant capacity managing by said management server by transmitting the newest vacant capacity of said remote mobile terminal to said management server.

14. (Previously Presented) A management method for managing memory capacity in accordance with claim 13, wherein said vacant capacity of said remote mobile terminal is renewed by the newest vacant capacity of said remote mobile terminal being transmitted to said management server when said request for obtaining said data is transmitted to said management server.

15. (Previously Presented) A management method for managing memory capacity in accordance with claim 13, wherein said vacant capacity of said remote mobile terminal is renewed by the newest vacant capacity of said remote mobile terminal being transmitted to said management server at the time of connection of an external instrument to an interface connector of said remote mobile terminal.

16. (Previously Presented) A management method for managing memory capacity in accordance with claim 13, wherein said vacant capacity of said remote mobile terminal is renewed by the newest vacant capacity of said remote mobile terminal being transmitted to said management server at a time of location registration of said remote mobile terminal.

17. (Previously Presented) A management program on a computer-readable medium, said program including instructions executable by a computer for performing a

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management method for managing memory capacity at a management apparatus for memory capacity that manages data capacity of remote mobile terminals that communicate with each other via a network, in which said data capacity of each of said remote mobile terminals is managed, said method comprising:

judging, in response to a request for data from a network and a vacant storage capacity of a memory issued from a remote mobile terminal, whether data to be transmitted to a remote mobile terminal is transmitted to said remote mobile terminal, by comparing vacant capacity of said remote mobile terminal, which is managed by said management apparatus for memory capacity, with the amount of said data to be transmitted to said remote mobile terminal;

obtaining some data for storing in said remote mobile terminal and storing said obtained data in said management apparatus for memory capacity, and causing said remote mobile terminal make new vacant capacity when said data to be transmitted to said remote mobile terminal were judged not to be transmitted; and

transmitting said data to be transmitted, which were judged not to be transmitted, to said remote mobile terminal by using said new vacant capacity.

18. (Previously Presented) A management program for managing memory capacity in accordance with claim 17, further comprising:

renewing said vacant capacity of said remote mobile terminal managed by said management apparatus for memory capacity and managing said renewed vacant capacity by said management apparatus for memory capacity when said remote mobile terminal requests to obtain said data to be transmitted to said remote mobile terminal from said network.



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19. (Previously Presented) A management program for managing memory capacity in accordance with claim 18, wherein said vacant capacity of said remote mobile terminal is renewed and managed by said management apparatus for memory capacity by receiving the information of said vacant capacity from said remote mobile terminal.

20. (Previously Presented) A management program on a computer-readable medium, said program including instructions executable by a computer for performing a management method for managing memory capacity at a management system for memory capacity, which provides remote mobile terminals that communicate with each other via a network and a management server that manages data capacity of each of said remote mobile terminals, in which said data capacity of each of said remote mobile terminals is managed, said method comprising:

transmitting a request for obtaining data from said network by a remote mobile terminal to said management server;

judging whether said data requested by said remote mobile terminal is transmitted to said remote mobile terminal, by comparing vacant capacity of said remote mobile terminal, which is managed by said management server, with the amount of said data requested by said remote mobile terminal;

obtaining some data for storing in said remote mobile terminal and storing said obtained data in said management server, and causing said remote mobile terminals make new vacant capacity when said data requested by said remote mobile terminal were judged not to be transmitted; and

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transmitting said data requested by said remote mobile terminal, which were judged not to be transmitted, to said remote mobile terminal by using said new vacant capacity.

21. (Previously Presented) A management program for managing memory capacity in accordance with claim 20, further comprising:

renewing said vacant capacity managing by said management server by transmitting the newest vacant capacity of said remote mobile terminal to said management server.

22. (Previously Presented) A management program for managing memory capacity in accordance with claim 21, wherein said vacant capacity of said remote mobile terminal is renewed by the newest vacant capacity of said remote mobile terminal being transmitted to said management server when said request for obtaining said data is transmitted to said management server.

23. (Previously Presented) A management program for managing memory capacity in accordance with claim 21, wherein said vacant capacity of said remote mobile terminal is renewed by the newest vacant capacity of said remote mobile terminal being transmitted to said management server at a time of connection of an external instrument to an interface connector of said remote mobile terminal.

24. (Previously Presented) A management program for managing memory capacity in accordance with claim 21, wherein said vacant capacity of said remote mobile terminal is renewed by the newest vacant capacity of said remote mobile terminal being

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transmitted to said management server at a time of location registration of said remote mobile terminal.

25. (Previously Presented) A management system for managing memory capacity, comprising:

a plurality of remote mobile terminals that communicate with each other via a network; and

a management server that transmits data, wherein at least one of said plurality of remote mobile terminals requests said management server to obtain data from said network, for transmission to said remote mobile terminal, wherein:

said remote mobile terminal, comprising:

data storing means that stores data obtained from said network, and

said management server, comprising:

data memorizing means that stores data from said remote mobile terminal; and

judging means that judges whether said data requested by said remote mobile terminal are stored in said data storing means of said remote mobile terminal by managing vacant capacity of said remote mobile terminal,

wherein, when said judging means judged that said data requested by said remote mobile terminal were not stored in said data storing means, said management server obtains some data in said data storing means of said remote mobile terminal and stores said obtained data in said data memorizing means, and causes said data storing means to make new vacant capacity, and said management server transmits said data requested by said remote mobile

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terminal, which were judged not to be stored, to said remote mobile terminal by using said new vacant capacity.

26. (Previously Presented) A management system for managing memory capacity, comprising:

a plurality of remote mobile terminals that communicate with each other via a network; and

a management server that transmits data, wherein at least one of said plurality of remote mobile terminals requests said management server to obtain data from said network, for transmission to said remote mobile terminal,

wherein said remote mobile terminal comprises:

a data storing means that stores data obtained from said network; and

a judging means that judges whether said data requested by said remote mobile terminal are stored in said data storing means by managing vacant capacity of said remote mobile terminal, and

wherein said management server comprises:

a data memorizing means that stores data from said remote mobile terminal,

wherein, when said judging means judged that said data requested by said remote mobile terminal were not stored in said data storing means, said judging means makes said data memorizing means in said management server obtain some data in said data storing means of said remote mobile terminal, and lets said data storing means make new vacant capacity, and said judging means makes said management server transmit said data requested by said remote mobile terminal, which were judged not to be stored, to said remote mobile

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terminal by using said new vacant capacity.

27. (Previously Presented) A management system for managing memory capacity in accordance with claim 25, wherein each of said remote mobile terminals, further comprises:

a data capacity renewing means that makes said vacant capacity of each of said remote mobile terminals, which is managed by said management server, renew, by transmitting said vacant capacity to said management server.

28. (Previously Presented) A management system for managing memory capacity in accordance with claim 27, wherein said data capacity renewing means transmits said vacant capacity of each of said remote mobile terminals to said management server and makes said vacant capacity of each of said remote mobile terminals renew at the time of the location registration of each of said remote mobile terminals.